



6P7-G

TRIODE-PENTODE

6P7-G

Heater	Coated Unipotential Cathode	
Voltage	6.3	a-c or d-c volts
Current	0.3	amp.
Direct Interelectrode Capacitances: ^o		
<i>Triode Unit</i>		
Grid to Plate	2.0	μf
Grid to Cathode	3.5	μf
Plate to Cathode	3.0	μf
<i>Pentode Unit</i>		
Grid to Plate	0.088 max.	μf
Input	3.5	μf
Output	12	μf
Overall Length	4-7/32" to 4-15/32"	
Seated Height	3-21/32" to 3-29/32"	
Maximum Diameter	1-9/16"	
Bulb	ST-12	
Cap	Skirted Miniature	
Base	Small Shell Octal 8-Pin	
Pin 1 - No Connection	Pin 6 - Triode Plate	
Pin 2 - Heater	Pin 7 - Triode Grid	
Pin 3 - Heater	Pin 8 - Cathode	
Pin 4 - Pentode Plate	Cap - Pentode Grid	
Pin 5 - Pentode Screen		
Mounting Position	Any	



BOTTOM VIEW (G-7U)

- In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.
- ° With shield-can connected to cathode.

Maximum Ratings, Typical Operating Conditions and Curves of the 6P7-G are the same as for Type 6P7.

July 1, 1941

RCA RADOTRON DIVISION
RCA MANUFACTURING COMPANY, INC.

TENTATIVE DATA